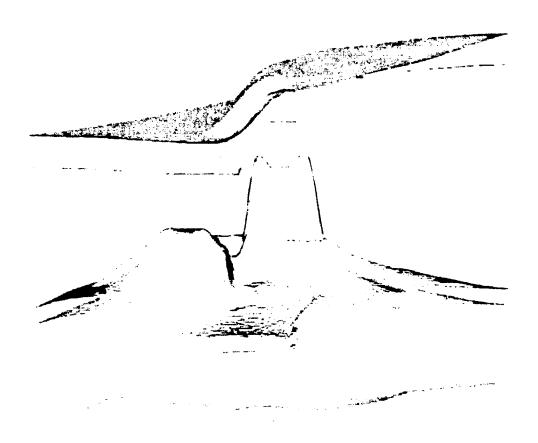
HALLIBURTON COMPANY



1989 ANNUAL REPORT

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Profile

stablished in 1919. Halliburton Company is one of the world's largest diversified oil field services and engineering and construction companies. The Company also provides insurance service.

Approximately two thirds of revenues are derived from sales and services to including construction for the energy industries. Business is conducted in more than 100 countries around the world and about one third of revenues is derived from international sales and services.

The oil field services group is a world leader in providing a wide range of services and products used in the exploration development and production of oil and gas

The engineering and construction services group is one of the world's largest providers of engineering construction project management facilities operation and maintenance and environmental services for industrial and governmental customers

The insurance services group provides property and casualty in unince and healthcare cost management services

ABOUT THE COVER

New advanced computer software technology is helping geologists and geophysicist—ce—what beneath the surface. This colorful three dimensional representation of a faulted Louisiana salt dome i part of a software program known as MIMIC. It was developed by Sierra Ceophysics. Inc. a company acquired by Halliburton in 1989 to breaden the oil field services group. Leophysical interpretation and reservoir description services capabilities.

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comparative mightights

•	1989	1988	Increase (Decrease)
	(Dollars 1	(Dollars in millions except per share	
Net income per share	\$ 1 27	\$ 89	\$ 38
Cash dividends paid per share	1 00	1 00	
Shareholders equity per share	19 90	19 80	10
Revenues	5 661 2	4 838 7	822 5
Operating income	239 2	152 8	86 4
Net income	135 0	93 6	41 4
Long term debt	198 8	199 6	(8)
Shareholders equity	2 119 1	⁷ 107 2	11 9
Acquisitions of property plant and equipment	202 4	168 9	33 5
Depreciation and amortization	244 6	225 0	19 6
Shareholders of record	23 716	⁷ 9 827	(6 111)
Common shares outstanding at vearend	106 473 000	106 401 000	72 000

Quarterly Common Stock Price Ranges (New York Stock Exchange)

			First		Second		Th	Third		ırth
			High	Low	<u>High</u>	Low	High	Low	High	Low
1989			\$31%	\$271/	\$341/4	\$28%	\$407	\$331/	\$441/	\$34¾
1988			\$343/1	\$24.14	\$1614	\$291	\$30%	1,2	\$28-8	\$25

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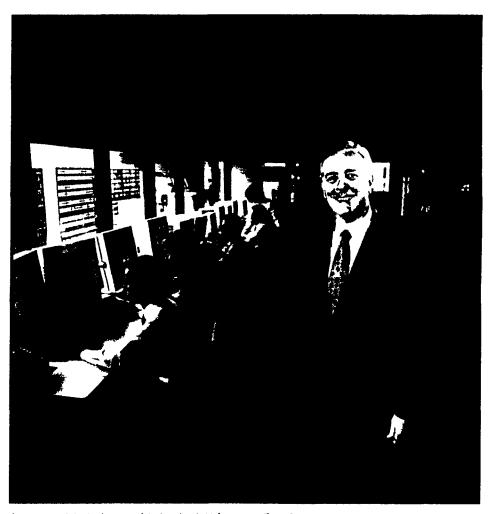
To Our Shrueholders

in 1989 we continued the operating and fin incial strategies we began in 1988 and aprior vears. Our primary objective is to improve the services and products we offer to our customers in order to make them more successful in their businesses while at the same time improving our own financial results. We have continued the emphasis on our oil field services and engineering and construction groups, and both groups explanded the scope of their business activities during the veri

Our fin incerd results improved in 1989 despite a weak first quarter. Net income of \$1350 million or \$1.75 a share represented a 43 percent increase

over 1988. Not income more used each quarter during the vear. However during the first half of 1989 we experienced weakened demand for oil field services and products when as we had interpated oil and gas drilling activity declined in the United States. This weakness started in the second half of 1989, fortunately domestic oil and gas drilling activity improved in the second half of the vear. However, international activity continued at the slightly lower levels we expected.

As we enter the 1990s we expect oil and g is activity to continue to expand worldwide. Demand is increasing and production continues to decrease in many countries, including the United States.



Thomas H. Cruikshank, chairman of the beard and chief executive officer of Halliburton Company at the operations control center of the Information Services Center it Arlington. Texa. The control center is the hub of a vast data and communications system which links Halliburton operations in over 100 countries around the world. It is staffed, even days a week around the clock.

and the Soviet Union. These trends will cause Middle Eastern OFFC countries such as Saudi Arabri. Iraq Iran and kuwart to become the domain ant suppliers of the world's petroleum supply by the middle of the decade. Although higher production from these countries will serve to testrain the price of oil we expect oil prices to rise moderately during the next several years. This will encourage increased oil and gas exploration and production. Thus we expect improved demand for our oil field services, and products in all major markets.

The consequences of these trends will have a very adverse affect on the United States brilling of trade. United States oil production is now falling at an alarming rate with no improvement in sight in 1989 we imported about 46 percent of the oil we consumed, and imports have recently exceeded so percent of consumption. During the coming decide our country will be required to import larger and larger amounts of our total petroleum requirements at increasing prices. The total cost of these imports could exceed \$200 billion a vear by the end of the 1990s unless the United States energy policy significantly improves the political and economic climate for exploration in this country.

Although our financial results improved in 1989 we have not achieved a long term objective of 15 percent return on equity with continuing growth of net income. Further improvement is required in all of our major business units. During 1989 we disposed of several businesses where our continued participation no longer served to further the strategic objectives of the Company and we felt that our investment could be better employed elsewhere. We will continue to dispose of assets. that cannot meet these objectives amprove organizational structure and eliminate unnecessary costs, while at the same time investing to improve competitive advantage in those business units where we can ichieve our goal

We must also implement strategies to improve prices for our services and products. Much of our revenue is currently generated at price levels significantly below those existing in 1980. Although we do not expect to return to those levels soon we do not plain to add capacity in those markets where profit margins do not permit us to achieve our financial goals. Price improvement where justified will be a goal throughout our Company during, 1990.

We increased our capital expenditure budget by more than 35 percent during 1989 to \$254 million as we experienced improved market

conditions for 1990 we have idopted a capital expenditure budget of \$ 95 million and we expect that this amount will increase if our oil field services markets improve during the year. In order to fund the capital needs of the Company we have emphasized management of our cash resources. This has become an increasingly complex task as our business units have continued to expand their international activates. In 1989 our business units did a good job of managing working capital requirements as their revenues expanded.

During the last sever if veirs we have made a number of acquisitions in order to implement strategies of our business units. We believe we have plud reasonable prices and glaned value in each case. In 1989, a major management objective was the combination of recent acquisitions with existing or previously acquired business units. This is a critical process, because nearly all of our acquisitions have been people intensive businesses. In some cases this process has taken longer and has been more costly than we anticipated but we are satisfied that the extra effort will result in stronger, more competitive businesses.

We will continue to use carefully selected acquisitions to obtain needed technologies expand geographic markets and extend our existing strengths into new businesses. It is likely that most of these acquisitions will be relatively small and related to specific needs of one of our business units. Others will accomplish objectives of a broader nature. We do not intend to make acquisitions which move us away from our core businesses although we will look for opportunities to extend those businesses.

As we address the challenges of the 1990's we have two overriding parameters to our strategic objectives safety and quality. The safety of the workplace for our employees is of utmost concern to us, and we continually seek to improve work practices and products in order to safeguard our employees customers and the public.

Continued emph is on improving the quality of services and products enhances our emphasis on sifety. We seek to make quality improvement in only on a latter than the matter of our in ingenient. Although we have made considerable progress, we are increasing quality improvement programs throughout our Company.

As un this year I would like to express my appreciation to our employees for their dedication skill and perseverance. During the 1980's most of our business units went through depressed business environments in which employment levels were significantly reduced. As the oil field services group and the engineering and construction.

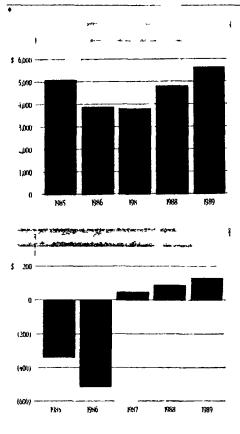
services group begin to grow us un our ability to tr un and act un skilled employees is a major challenge and a critical requirement for our profitable growth. Tr uning at all levels of our Company is a major commitment and it is critical to the accomplishment of our safety quality and profitability goals.

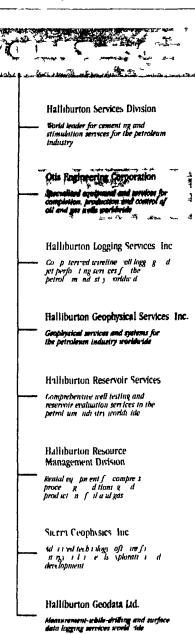
Thomas of hukshand

Respectfully submitted

Chief Executive Officer

Thom is H. Cruiksh ink Churm in of the Board and





Overview

alliburton Comp invs oil field services group imade significant progress on several fronts during 1989. The groups fin incral results led by the strong performance of Halliburton. Services and Otis Engineering reached the highest level of profitability since 1985. Over the past two years the Company has established an industry leadership position in providing the component services for reservoir description. These services which include geophysical and logging services accounted for more than 30 percent of the groups revenues in 1989.

The results achieved during 1989 clearly demonstrate that the groups strategy is working. Halliburtons objective is to make its customers more successful wherever they operate whatever the magnitude and complexity of their needs. This goal is supported by the groups commitment to continued technological leadership worldwide marketing of products and services continual improvement of the quality of products and services offered maintenance of a safe work environment for the groups employees and earning a reasonable profit.

General market conditions for the oil field services groups products and services were weaker in 1989 compared to 1988. Activity levels as measured by the average number of rotary rigs drilling wells worldwide declined by about 11 percent. Drilling and workover activity began to improve in the second half of 1989 reflecting a return of customer confidence that oil prices would remain high enough to economically justify increased exploration, and development spending. This confidence was supported by oil prices that increased by more than 25 percent during 1989.

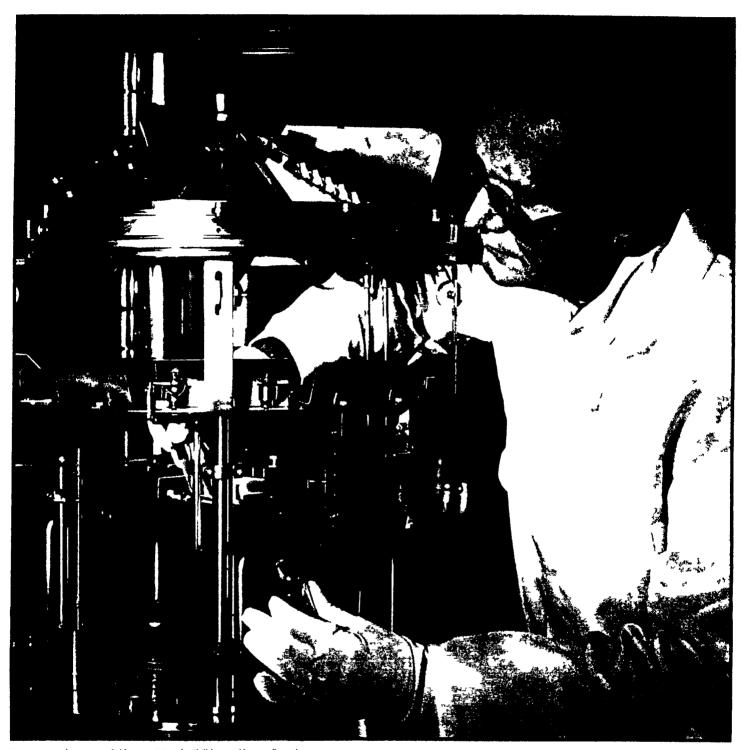
Financial Review

The oil field services groups revenues increased to \$2.4 billion in 1989 up 13 percent from 1988. This increase was accomplished despite lower drilling activity. Revenues generated in the United States declined by three percent, while international revenues and export sales increased by 32 percent.

				9 m	· Ft. in
	1989	1988	1987	1986	1985
Revenues	\$2,4480	\$2 173 0	\$1 549 2	\$1 797 7	\$2 925 1
Operating Income (Loss)	168 2	958	17.7	(35+ 0)	363 0
Depreciation and Amortization	204 4	187 1	182 9	² 36 5	271 ?
Capital Expenditures	166 5	128 5	48 9	80 6	198 7
Identifiable Assets	1 995 1	2 117 8	1 537 8	1 789 8	2 533 4
Employees	26,000	27 600	18 600	18 200	29 200

Includes special write-dow is of \$308.6 in illion in 1986





Since its introduction into field u.c. in 1988, the Halliburt ii Mem irv Recorder (HMR) has become the industry a tindard for pressure usual technology. The quartz crystal pressure transducer, which form the heart of the HMR gauging votem are assembled under rigid environmental condition, at the Halliburton Research Center at Duncan. Oklahoma, Here, Jack Elam, electronics technician, operate, a vapor deposition system which bend a thin film of molten gold leaf onto the quartz transducer. The gold helps to stine tune, the frequency of the crystal.



It has the lock and consistency to a windle mill hake but it occur illy enew type of tom being tested by Hill Harris of Hilliburton Newsces research chemic toam are being used with increasing frequency in field umulation job because they create longer wider tractures with less fluids hume are often easier to pump, and ichieve better propipant distribution in the fracture.

The group has adjusted to place more emphasis on international markets where customers are spending a larger percentage of their exploration and development budgets. As a result, the oil field services groups international and export sales business has increased from 57 percent of total revenues in 195 to 44 percent in 1985 and 57 percent last year. Although demand in the lanted States is beginning a gradual recovery international markets are expected to continue to generate more than one half of the groups revenues.

Operating income of the group reached \$168? million in 1989 compared to \$95.8 million in 1988. The increase in profitability experienced in 1989 resulted from a combination of an improved mix of more technical products and services sold larger jobs and benefits from cost control programs. Prices generall, remained at 1988 levels and did not significantly benefit profitability in 1989.

Capital expenditures increased to \$1665 million up 30 percent from \$1785 million a vear earlier. The increased spending was largely dedicated to replacing field service equipment and adding capacity in certain international markets.

Iotal oil field services employment declined by 1 600 during 1989 to 26 000 employees. The reduction was largely due to the elimination of duplicate job functions relating to the reorganization of the groups Halliburton Geophysical Services and Halliburton Logging Services business units.

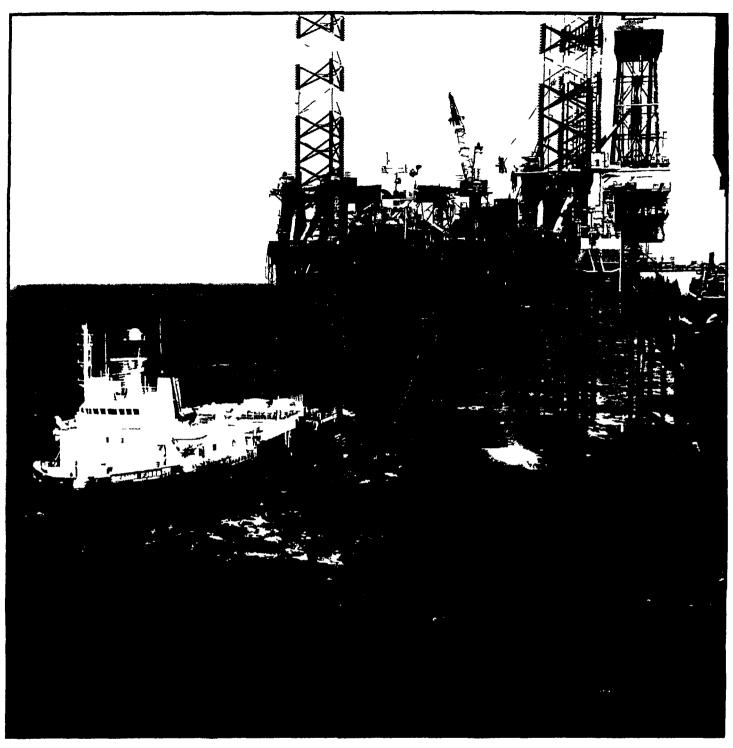
Halliburton Services and Otis Engineering Lead Progress

Halliburton Services and Otis Engineering were the primary contributors to the improved earnings of the oil field services group in 1989

Hallibuiton Services revenues expanded modestly and operating profits increased substantially primarily due to better magins in the United States.

The company benefited from increased natural gas drilling and workover activity on existing wells in the United States. More than 800 000 producing oil and gas wells in the United States are the foundation of the workover business, because they periodically require services to maintain or enhance their production cap ibilities.

During 1989 Halliburton Services initiated a number of programs designed to expand its international business. One program introduced the use of ultra high pressure fracturing treatments using new intensifier type pump designs in Yugoslavia and other Lastern Furopean countries. The market for oil field services and products in Eastern Lurope and the Soviet Union is very large and is being pursued by Halliburton Services, and other oil field services group business units in many are is



Working from the *Manuli Fjord* the large t timulate a vc. el in the world Halliburton Service. By of the Netherland set two records in 1980 that dwarf tho operatusly existing in the industry During a timulation program in the Durish sector of the North Sea the *Man h fjord* treated none different zones on one 2 000 for section of a horizontal well. Halliburton pumped 8 to million pound of sand proppant over a 31 day period the most and ever pumped into any off hor well and the largest single trac web performed on an off hore herizontal well. Here the vessel is alongside the *Macr & Endeurour*, the platform on which the record job was performed.



Littl recently completion and maintenance operations on subset wells in the North Nea were limited to semi-ubmersible drilling rigs of their stationary vessels employing a rigid riser. Now Otis Engineering and Rickwater Offshore Contract of a Halliburton joint venture have developed the Subset Well Intervention Services (SWIN) of tem SWIS enables customers to conduct Subset operations and maintenance from main vipes of veicels such as diving support vessels work barges and small and large semi-ubmersible rigs of the unit a rigid riser — STING them both time and money.

Otis Engineering also experienced modest growth of revenues and strong improvement of operating income. Otis has established a substantial international presence, and in 1989 more than 55 percent of its revenues were generated by international and export business. These revenues were derived from sales in 53 countries around the world, including the Soviet Union and other Fastern Europe in countries.

Otis is a major proponent of the Quality Improvement Process (QIP) which has been established as a major business strategy for the entire Company. The success of QIP is the result of close management and employee working relationships in all functional areas including manufacturing engineering field service and administrative functions. QIP at Otis has resulted in lower raw materials inventories amproved manufacturing and engineering productivity streamlined inspection procedures and reduced response and delivery times. The net result of QIP is higher productivity substantial cost savings and greater customer satisfaction.

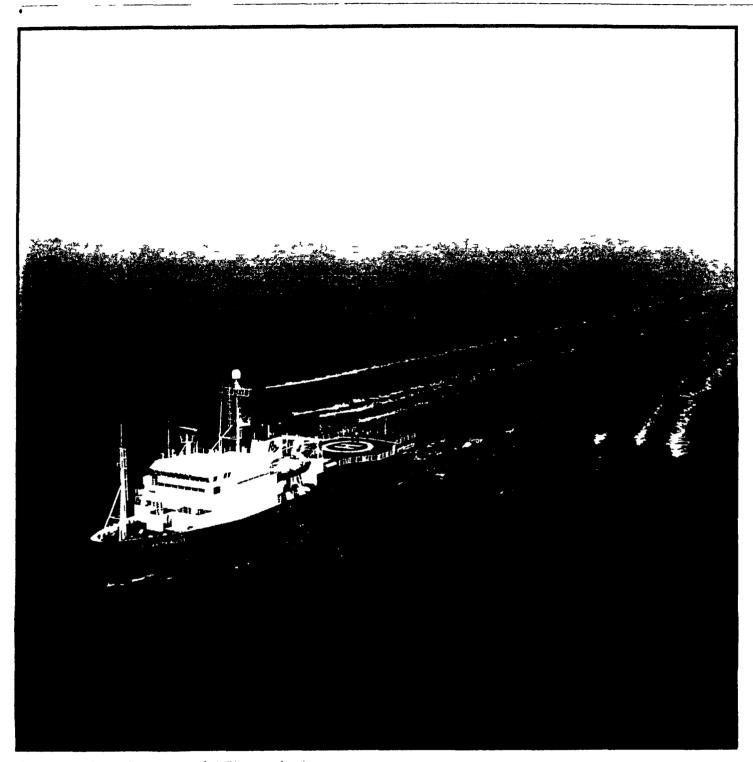
Close working relationships between Halliburton business units also help to better meet customer needs. The Subsea Well Intervention Services (SWIS) System is an example of this competitive advantage. SWIS allows fast economical subsea wireline and recled tubing services from many types of vessels without a rigid riser. These services are jointly provided by Otis and Rockwater Offshore Contractors, a major provider of underwater construction, and maintenance services. Rockwater was recently formed by combining Halliburtons diving services business with Smit Offshore Contractors. Together, Otis and Rockwater offer a complete range of wireline and recled tubing equipment, and services for subsea wells.

World Geophysical Leadership Position Established

Just two veirs ago Halliburton did not offer products and services to the geophysical market By combining the operations of Geophysical Survice Inc. with those of Geosource. Inc. both of which were obtained through acquisitions in 1988, the Company formed Halliburton Geophysical Services. Inc. (HGS)

Although the form ition of HGS was announced at the end of 1988 actions to achieve cost reductions and efficiency gains were implemented throughout 1989. Manufacturing sites were reduced from six to three they are now located in the Linted Kingdom. The Netherlands and Houston, where HGS is headquartered. Research, and technology development capabilities were also consolidated.

lod iv HGS employs about 3 600 people in 44 countries worldwide. It operates 17 marine seismic vessels and 63 land crews. A poor market in the Linted States for seismic work during 1989 was partially offset by HGSs strong presence in international markets. Last vear, 80 percent of HGSs revenues were from international business.



The year 1989 was the first full year of operation for Halliburton (e.g.) his of Scribe. Inc. (HCS) which is a formed in late 1988 by the combination of the physical Service line and the source line HCS was active threading to the year performing of mice data. In the North Servind other, the horse locations. Here the HGS Polar France's conduct data is the ring operation of them. The Notherland The or mice data is effected by several hundred pressure sensitive liver phone contained in long streamers towed behind the year of the adoption decided.

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Logging Business Combined

Halliburton Logging Services Inc. (HLS) was formed at the end of 1988 by combining Halliburtons Welex Division with the wireline logging business of Gearh art. During 1989 HLS merged the people equipment and technologies of these businesses to form a worldwide organization that offers a comprehensive array of wireline logging, measurement while drilling and perforiting services.

The formation of HLS has resulted in a reduction of operating costs. Headquarters were combined in Houston, and 27 duplicate sales and service locations in the United States were eliminated without any loss in customer responsiveness. Major manufacturing operations were consolidated in Fort Worth, where downhole tools and surface equipment are produced. Research and development locations were consolidated, duplicate research efforts were eliminated and new research priorities were established. The consolidation has resulted in a 15 percent reduction of employment levels.

New Business Unit Dedicated to Reservoir Evaluation and Well Testing

Halliburton Reservoir Services (HRS) was formed at the end of 1988 in order to provide drill stem and production testing data acquisition and reservoir analysis services on a worldwide basis within one business unit. These services previously had been provided independently by several of the oil field services groups units. Halliburton Services, HLS and Otis Engineering each contributed



Gavle Laurin (center) marketing product manager for Sierra Geophysics demonstrates one of the company's advanced computer software programs for prospective clients at the Kirkland. Washington headquarters. Sierras customers include most major oil companies and many independent producers, geophysical contractors, mining companies, universities and government agencies.

skilled technicians campment and technology to the formation of HRS. By the end of 1989 HKS had established operations in 5° countries around the world. Accurate rehable interpretation of eservoir data is cracial for customers to make optimal decisions for their exploitation and development programs.

The formation ϵ -HRS strongly supports the groups strategy to offer a full range of reservoir description services

Software Expertise Added to Reservoir Description

Halliburton acquired Sierra Geophysics in 1959 to broaden the oil field services groups geophysical interpretation and reservoir description services capabilities. Sien a built its reputation by providing sophisticated geophysical computer software to leading oil and gas companies around the world. The cover of this annual report is an example of Sienas capabilities.

More than 100 p ofessional geoscientists and software engineers form the team that designs. Sieri is software. Their computer programs target four major areas of exploration and development geologic interpretation seismic modeling, seismic processing and seismic interpretation.

Research and Development Achievements

Halliburtons oil field services group continues to invest aggressively in research and development. Research and development expenditures totalled \$105 million in 1989, an increase of 55 percent over 1988, and 75 percent above 1987.

The groups achievements during 1989 were both tringible and significant resulting in 142 patents for new products and processes — in increase of 53 percent over 1988's 93 patents. Halliburton Services the largest of the Company's oil field services units received 58 patents and introduced 65 new products last vear. The new product introductions were well ahead of the 54 new products developed by the division in 1988.

Many of these new products are cementing and stimulation chemicals. One significant development was Proplok an economical method for returning sand and other proppant materials in the formation after fracturing has been completed. Proplok prevents sand and other materials from flowing back to the wellbore. It has been demonstrated that the uting a well with Proplok significantly improve the perine white of a fracture.

An important component of Halliburton Services work at its research ficilities in Dunc in Oklahoma involves joint projects with in yor energy producing companies, joint research agreements with universities and participation in consortiums operating within the petroleum industry. These efforts pool the strengths and experience of each participant



Although drillin activity will divin in the Linted State in 1383 the Black Wiffer Billin of Alabama kept driller and if held crived companies busy. Thi recurs hill large deposit of pure methane gas which are trempted in hill we albed and which are tribuble addition to the nations energy supply. Halliburton fractured almost 200 wells in the Black Wiffer during the year on the initiation that one

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Technical Leadership Recognized

Halliburtons history of successful technological innovation has been sustained by a highly skilled and dedicated technical staff which includes scientists engineers mathematicians and other technologists. At the end of 1989, the group's research activities were being conducted by 1 500 technical employees.

The oil field services group established a technical ladder in 1989 recognizing the outstanding contributions key technical employees have made to advance technology in their respective fields. Initially the steps of the ladder rise from Contributing Member to Senior Member and Distinguished Member of the Technical Staff.

The three Distinguished Members of the Technical Staff for 1989 are John W. Minear research associate and manager of the acoustics research section of Halliburton Logging Services, the late John S. Rodgers senior staff engineer of Halliburton Reservoir Services, and David I. Sutton senior research chemist of Halliburton Services.

Minear was cited for his contribution to acoustic logging technology Rodgers for his contribution to well test analysis technology and Sutton for his contribution to oil well cementing technology development of cement laboratory instrumentation and the advancement of gas migration and cement expansion technology

This program will continue to recognize work of distinction contributed by members of Hallibutions technical staff

To recognize outstanding techn 1 usual contributions made by Halliburton employee—the oil field service group established a technical ladder in 1989. Over 130 individuals were honored for cientific advinces in their respective fields. Three ct the e-recipient, were named is distinguished members—the technical taff currently the highest award bestoy ed by the group. They are the late John S. Rodkers, left senior taff engineer with Halliburton Reserv in Services David L. Sutton senior research chemical tafflighter in Services and John W. Minear opposite page relearch a sociate and manager—f the accultic relearch ection for Halliburton Logging Services.





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Emphasis on Safety

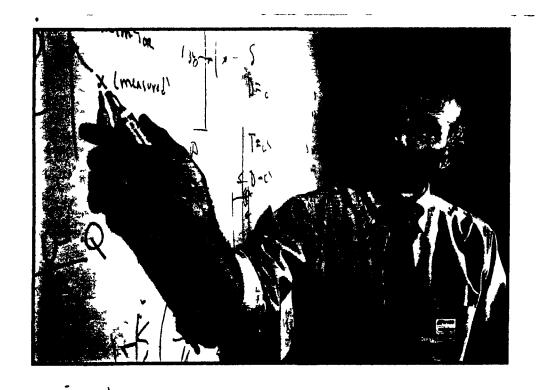
In 1989 Halliburton Services and Otis Engineering were recipients of the Occupational Safety and Health Administrations (OSHA) coveted Star award. The Star award is made to companies whose health and safety programs exceed those prescribed by the federal government. Otis and Halliburton Services are the only companies in the oil and gas services industry ever to earn these awards and only 64 companies in the United States from all of OSHAs industrial classifications have received Star designations.

The entire Company is proud of Halliburton Services and Otis for achieving Star recognition. The awards are outward evidence of their many years of effort, and commitment to providing a safe work environment for all employees.

Outlook

The oil field services group is expected to benefit from gradually strengthening demand in 1990 Customers have indicated that they plan to increase exploration and development spending by slightly more than 10 percent with a higher proportion to be spent in the second half of the year and in international markets

In order to better meet demands of the international marketplace plans are being implemented to establish manufacturing facilities in Singapore and Mexico. A research facility will be opened in Europe during the year. The group continues its commitment to quality improvement cost reduction, research and employee's afety as it achieves its goal of making the Company's customers more successful.



Brown & Root, Inc. Brown & Root Braun Engineering and nstructio services for the ref e chemical nd other related process industries Brown & Roos Marine \ pport f the ffshore oil nd gai ndustri Brown & Root Civil Transportation water contract mining nd related projects Brown & Root Forest Products Global services for pulp paper and b tiding produ is Brown & Root Industrial Services Inc. Cont ict facilities ma tea Brown & Root Power Elect ic itilities ad related Brown & Root Services Corporation Operati and mail ice f government facilies Brown & Root Manufacturi ig and Proces Industries Basic mmod t | tries NLS Corporation Film II çee çocidiing Inanage Isriesj idustri it liteoch garn I

Halliburton Environmental Technologies Inc

Remedial engineeri g and construction services for bazardous waste lies

Overview

he 1988 untial report stated that. The engineering and construction group entered 1989 with a better business outlook than a year ago. The group has a stronger backlog a more focused organizational structure, and generally stronger demand for its services in the United States and international markets.

The business outlook for 1989 proved to be accurate. Many of the business units in the group particularly the Brown & Root Braun. Forest Products and Marine units of Brown & Root along with NGS experienced improved demand. The groups sharper strategic focus combined with improved demand, resulted in 1989 revenues and operating income reaching their highest levels since 1982 and 1983, respectively.

Financial Review

Revenues of the group increased from \$2.2 billion in 1988 to \$2.9 billion in 1989 a 35 percent gain. Operating income increased 34 percent to \$577 million. Employment at the end of the year was up 16 percent to 38.200 employees.

International operations continued to contribute significantly to the groups financial performance. During 1989-25 percent of the groups revenues and 33 percent of its operating income came from business outside the United States with operations in Europe and the Middle Fast making the largest contributions.

The group continued its tight management of capital expenditures and working capital during the year Capital expenditures declined 13 percent to \$55.6 million. Brown & Root continued its program to improve terms of payment for major projects. As a result, the Group made significant progress toward achieving the return on investment goals of the Company.

and in the control of	MAT THE	enter wa			ME Y
	1989	1988	1987	1986	1985
Resenues	\$2 858 3	\$2 157 3	\$1.818.4	\$1 700 5	\$1 853 6
Operating Income (Loss)	57.7	46 6	189	(729.8)\$	(243.1)
Depreciation and Amortization	35 1	3+0	326	45 4	72 4
Capit il Expenditures	33 6	3H 4	174	154	40 0
Identifiable Assets	853 6	798 6	789 4	657 3	929 7
Employees	38 200	32 800	²⁸ 800	77 600	34 700
I tel les sues al te-downs af l	SI) 3 milio ind	5 8 milli	1986 H	198 ruspect	넌



More than 1,000 engineers and support purs finel wirk at Brown K Roots impressive Alief building in Weit Houston. The building contains 5,5,000 square feet of working space for one of the largest engineering, and design still in the nation. Most of the people in this room and in the building are attached to the Forest Products engineering group, which is currently wirking on two major pulp and paper mill projects with a combined contract value of over \$1 billion.

BR000040051

CF Braun Strengthens Petroleum and Chemical

Two verts ago Brown & Root undertook a program to further integrate its engineering project management and construction services. Although much of the effort to achieve this objective has been internal. Brown & Root took a major external step in 1989 by acquiring CF Braun. Income of the worlds leading petroleum, and chemical engineering companies. The purchase price was \$59 million.

Brown & Root and GF Britan have worked together on numerous projects during the last quarter of a century. This association provides confidence that the acquisition adds value well beyond the amount of the purchase price.

CF Brium brings strong expertise in process and detail engineering which fits perfectly with the engineering project management and construction capabilities of Brown & Root. The accompanying matrix illustrates how well the two organizations fit together. The CF Braum organization and its 1 600 employees are now an integral part of the Brown & Root Braum business unit

As a result of the CF Brium acquisition and its integration with the Petroleum and Chemical business unit. Brown & Root Braun now participates in markets where customers seek a single source for the engineering and construction of major petroleum and chemical projects. Several projects were awarded to Brown & Root Braun in 1989 that would not have been won without this combined capability.

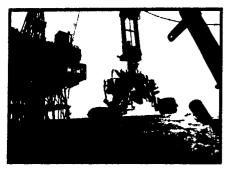
The acquisition of CF Braun greatly strengthens Brown & Rox ts process and detail engineering capabilitie as this matrix show. Brown & Ri. t Braun can now offer customers a single source of engineering and construction services for a wide range of petrolium and chemical industry project.

	STATES A			
MARKET		DETAIL ENGINFERING		MAINTENANCE
ETHYLLNE		BRAUN		B&R
AMMONIA	en e	BRAUN		B&R
OTHER PETROCHEMICALS		BRAUN/B&R		B&R
REFINING		BRAUN	Tien W	B&R
OIL & GAS		BRAUN/B&R		B&R
PFCIALTY	*****	B&R	BBR 4	B&R





Working from a campulate facility in Alhambra California CF Braun engineers use the latest methods and techniques to design many types of projects. One such technique is electronic modelling which is replacing miniature models in the design and modification of structural details. The display in the computer level in the foreground by Carlos Aldana, a CF Braun piping designer is projected on the wall in the background to help a client modify piping for an ethylene plant in Texas.



A submarine trencher is lowered into the North Scafrom a support vessel on a Rockwater Offshore Contractors cable installation project. Rickwater waformed at the end of 1989 when Halliburten combined its diving service, busines, unit with the lith eaconstruction business of Smit International.

Forest Products Business Growing

The ibility to manage the integration of engineering and construction services also produced significant results in the Brown & Root Forest Products business unit during the year

Brown & Root was awarded large jobs to engineer and construct projects for Champion.

International in Alabama and Nekoosa Lapers in Arkansas. The combined contract value of these two projects exceeds \$1 billion. On projects of this magnitude, the ability to engineer manage procurement of materials, and build the projects is a significant competitive advantage, because the project owner can rely upon Brown & Root to coordinate the interface among these activities. This provides meaningful cost savings for the customer, and greater profit opportunities for Brown & Root, Both of these projects are continuations of long term relationships with these customers.

Additional Restructuring of Marine Unit

Brown & Root Manne took several additional steps during the vear to reduce its participation in the more capital intensive sectors of the offshore construction business while it the same time continuing to grow its marine engineering and project management business

A decision was made in late 1989 to seek a purch user for a major portion of Brown & Roots manne construction assets. The assets which may be sold include most of Brown & Roots vessels and barges currently operating in the United States. For East and Middle East. It is expected that such a sale will be completed during 1990. This possible sale does not include Brown & Roots equity interests in European Marine Contractors. Highlands Fabricators and Rockwater Offshore Contractors.

In 1989 the Comp unv sold its 175 or interest in Zapata Gulf Marine Comp unv for \$31.5 million. This interest was established in 1984 when Halliburton joined with several other companies to combine their supply vessel and trug fleets serving the offshore oil and gas industry. At that time the market for these vessels was awash with oversupply. The combination achieved significant costs wings and created a successful business. The sale of the Company's interest is a withdrawal from an investment that no longer meets the needs of Brown & Roots marine business.

At the end of 1989 the Company combined its diving services business unit with the subseat construction business of Smit International Group to form Rockwater Offshore Contractors. Hallibuiton owns 50 percent of this new company which is based in Aberdeen Scotland. Rockwater is one of the leading subsease service companies in the world, with particularly strong market positions in Europe, and the Middle East.



At the end of the voar Brown & Roots Fore t Products business unit wal well underway on two major pulp and paper mill expan for perce. One of the elwa for Nekorsa Fapers at Ashd win Arkansas, Part of the superstructure which will house a new 30 inch wide uncoated free fleet paper machine. Can be een under confurction in the foregoind The machine will be able to process paper at a rate up to 4000 feet per minute. Brown & Root built the original plant hown in the background in the fate 1960, and has participated in several updates ince that time.

Brown & Root Marine continued expansion of its engineering business in 1989. The unit employed about 2,400 engineers and technical personnel at yearend. Completed in 1989 were engineering projects for Shell's Kittiwake and Sole Pit fields in the North Sea. British Petroleums Miller field in the North Sea. and Exxons Santa Ynez project in Santa Barbara. California

In 1989 the marine engineering unit received significant new awards in the North Sea from Occidental Petroleum for its Piper field redevelopment project and from British Petroleum for a project in the Bruce field

NUS Meeting Fnvironmental Needs

Markets for the group's environmental services continue to expand as industries in the United States respond to the heightened awareness of clean air and water concerns. NUS has been the Company's principal participant in this market. NUS developed its environmental services capabilities to provide a wide range of services to the commercial nuclear industry. As the environmental regulatory process grew in the early 1980's NUS became a major support contractor for the United States Environmental Protection Agency. Later NUS expanded to provide environmental health and safety services to industries seeking to comply with evolving environmental regulatory requirements. NUS now provides a full range of environmental engineering, consulting safety truining and laboratory services.



A meeting of aliens from outer space? No its a training program for toxicological and radiological technicians being run by Halliburton's NUS Corporation for the United States Environmental Protection Agency. In five days of intensive training at a camp in New Jersey the technicians are taught hazard recognition, evaluation and control, and emergency responses. The gas- and vapor-tight environmental suits were donned shortly before the students participated in a simulated emergency exercise.

Actions have also been taken to extend the Company's environmental services into European and Fai Lastern markets where environmental concerns are also becoming national priorities. The experience that NLS and other business units have developed in the United States gives. Halliburton a competitive advantage in these markets.

New Hazardous Waste Remediation Unit

In addition to NLS Halliburton Services and Brown & Root ilso have developed specialized services applicable to cleanup and remediation of hazardous waste. In 1989 the Company formed Halliburton Environmental Technologies. Inc. (HET) as a new business unit to enter the hazardous waste site remediation market. HET brings together capabilities developed by these three business units to provide comprehensive remediation services to industry and government.

The demand for these services comes from many of the Company's customers for its oil field engineering, and construction services. HET is an extension of Halliburtons existing skills into a new market providing services to familiar customer groups.

Outlook

Further improvement in the performance of the engineering and construction services group is expected during 1990

Demand for the groups services continues to increase. This is evidenced by a growing backlog which was \$3.8 billion at the end of 1989, an increase of \$1.3 billion for the verr. The verrs biggest backlog gains were experienced by the Brown & Root Forest Products, and Brown & Root Braun units.

The major focus of the group will be improvement of profit margins through cost control and concentration of marketing efforts in those businesses where it has sustainable competitive advantage. The group will continue to expand and broaden its engineering and technical capabilities as a means to achieve its goals.

Highlands Insurance Company

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If while a tomat (a pair)

he insurance services group includes Highlands Insurance Company and Health
Economics Corporation. Halliburton Company sold Life Insurance Company of the
Southwest for 579 million in 1989, after determining that continued ownership no longer
provided a significant advantage to the Company and that the life insurance company's future
success requires ownership with a long term commitment to the life insurance business.

Highlands underwrites a broad spectrum of property and casualty insurance. Highlands has experienced many of the difficulties facing the property and casualty insurance industry in the lanted States. During 1989 a number of natural catastrophes and industrial accidents adversely impacted underwriting results. In order to control underwriting losses in the future, several lines of business have been reduced.

Highlands writes a significant amount of workers compensation insurance particularly in Texas. During the past several years the profitability of this line of business has been adversely impacted by large assessments from the assigned risk pool in Texas which provides coverage to employers who cannot obtain private insurance. At the end of 1989 major workers compensation reform was adopted in Texas which together with continued improvement in rates should mitigate assessments from the assigned risk pool in the future. It will take several years to assess the effectiveness of these reforms. Meanwhile, Highlands will continue its conservative underwriting practices. Highlands investment portfolio consists solely of investment grade securities, and does not include tunk, bonds which have caused problems for some other industry participants.

Health Economics Corporation (HEC) has expanded its services to employers for management of healthcare benefits. These services include utilization review claims processing management of preferred provider organizations (PPOs) self-insured healthcare benefit review and design and healthcare data studies for employers conditions and insurance companies. Proposed accounting rules charges to currently record the future cost of post retirement benefits have increased the benefit of these services to employers. More than 975,000 employees, and dependents are now covered by Health Economics, services.

1	1989	1988	1987	1986	1985
Revenues	\$ 1549	\$ 5134	3 +67/	\$ 4108	\$ 324.4
Operatin _e Income	32 5	290	31 5	44.8	28 '
Depreciation and Amortization	17	, 0	17	17	14
Capital Expenditures	17	14	31	14	l
Identifiable Assets	91±0	15167	1 319 3	1 167 0	1 018 5
Employees	900	1 000	1 100	1 100	1 100

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1988 Comp tred to 1987

Consolidated rescauses for 1988 were \$4.848 / million an increase of 26% from 1987 improved performance for all three segments and the acquisitions of GSI and Genthart accounted for the increase in revenues. Excluding the revenues of GSI and Genthart, but it revenues increased 17° due primarily to increased service volume.

Consolidated operating mesons for 1988 was \$157.8 million as compared to operating mesons of \$51.2 million for 1987. Nearly all of the improvement in operating income occurred in international operations fotal operating income was not materially attented by the consolidation of 65f or Genhart. However, a \$272 million (before tax) provision for restructuring the company's geophysical and longing businesses reduced 1988 operating profit by 15°. Most of the impact of this provision occurred in domestic operations.

Act income for 1988 was \$93.6 million, or 89 cents a share. Act income for 1987 was \$48.1 million or 15 cents a share. Excluding the effects of a change in accounting method, wer income for 1988 would have been \$89.6 million or 81 cents a share.

till Field Services and Products

Revenues from oil field across and products increased 40 o to \$2,1/3.0 million Excluding revenues resulting from acquisitions of GSI and Gearhart oil field across and products revenues increased 16° Most of the revenue improvement (excluding acquisitions) occurred in the first half of the year Operating income for the oil field services and products segment was \$95.8 million as compared to operating income of \$177 million for 1987 Most of this improvement occurred in international operations.

Fingineering and Construction Services

Engineering and construction services revenues increased 18% to \$2 152.3 inillion while operating income increased from \$18.9 million in 1987 to \$46.6 million in 1988. Most of this improvement occurred in international operations

Insurance Services

Revenues from the insurance services segment were \$513.4 million as compared to \$462 / million in 1987 an increase of 11% Operating income of \$290 million for 1988 was down from \$31.5 million to 1987 because increased underwriting losses exceeded improvements in investment income

Nonoperating Items

General corporate expenses were \$18.6 intilion in 1988 as compared to \$16.9 inillion in 1987 Interest expense and income were \$2.2 million and \$12.2 million tower respectively. The decrease in interest income is mainly due to the use of each resources to complete the acquisitions of GSI and of Gearhart. Foreign currency gains were about the same during the two years.

EFFECTS OF INITIATION

With the lessening of the initial inflation rate in the last several years, management believes that the impact of inflation on revenues, costs and expenses has been modest.

LIQUIDITY AND CAPITAL RESOURCES

The Company ended the year of 1999 with cash and equivalents of \$401.8 million on increase of \$572 million from the prior year excluding cash and equivalents from the insurance services group, which are restricted from general corporate purposes unless paid to the parent is a dividend cush and equivalents were \$361.8 million at the end of 1989 compared to \$283.5 million and \$5473 million at year-end 1988 and 1987 respectively The reduction in 1988 was mainly due to the acquisition of GSI and Gearhart.

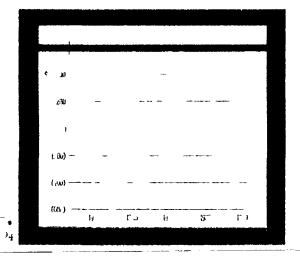
Operating Activities

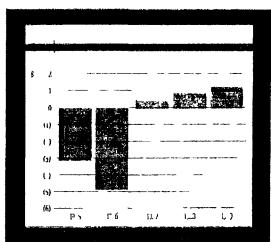
Cash flows from operating activities were \$412.1 million, down \$174 million from that of the prior year. During 1989. Life Insurance Company of the Southwest was sold. It produced \$32.1 million cash flow from operations in 1989 compared to \$150 / million in 1988.

Investing Activities

Cash flow used in investing activities were \$233.7 million down \$335.9 million from that of the prior year

Acquisitions of property plant and equipment totalled \$202.4 million in 1989 \$168.9 million in 1988 and \$79.6 million in 1987 Funds required to complete capital 1554.5 in progress at yearend 1939 plus initial 1990 approved budget totalled \$391.4 million. During recent years, lower levels of business activity primarily in the oil field services and product segment, caused the Company to





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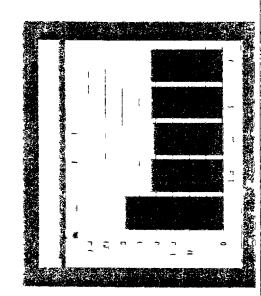
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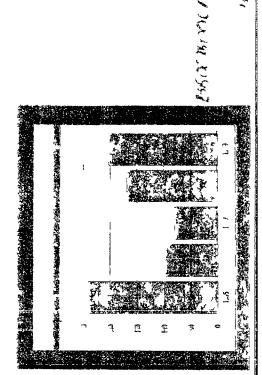
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इन्छन्। क्षेत्र वेच **वन्त्रो**क्षण्याच्यात्रीत् द्वारा स्थापने विद्या

्यून्य सामित्रासी मेरनास्थाल वर्षा करता स्थापन समित्र होते हिन्दू होते स्थापन सामान सामान सामान सामान सामान स् entilgenettimit in den naturations engine ethiopiatelike in early operationalist grand approprie प्रमान कर नेप्रसार 🕝 लामानीवृत्त स्ववसातम् (प्रकारानी एक । इक्ट्रान्ट (प्रवासनक न्यवेहतनस्वितेहरू अर्द्धीतासर कार्यक (ब्रह्म) वर्षक के के अवस्थित एक एक्किए विकास अपने किया है कि अपने कार्यक प्रकार की है की कार्याक्रिक के रंपार व देशकाल १५६ , अहंगे लामक के लिहाकी लोगानी प्रकृति की विभाग करता है । जा १५ के अपने के अधिक है Taplandad Colf Haristonics (15) Ingotalifiated Assaula, Clark Lighter Light Colf Controlling Amilia Marical Augustics THE CONTRACT OF THE CONTRACTOR OF THE PROPERTY तुम्यामध्यान् । तमातः गुज्यात्वान् कृतंत्र्यम्यस्य तम्बुगमेशल्युनः कृतिः स्तरम् । १८ ५ अति। तस्युविधार्यस्य वैश

भाग भनवार है। १५७५ वर्षाकृत वर्षा होतीवाची स्वयं होते । श्रीकृति वर्षा वर्षा वर्षा वर्षा वर्षा वर्षा स्वयं समित त्रकारात्रात् हो । याच मन्त्रमुक्तारकारकात् चालायुक्त राजनार्थ व्यक्त केन्न कान्यात्रहाल ४ मान्यतः अवस्थित्रहा

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1) Quarterly Financial Information (Linaudited) Summarized quarterly financial information for 1981 and 1988 is is follows:

	<u> Inst</u>	Mecond	Third	Fourth
	(in millions (Accept per hare data)			tı)
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Includes \$1.3 million (Lecut per share) attributable to a change in accounting in fluid (see Note 5).

^{*}facility \$ \$ 0 mathem (8 cents per share) attributable to a change in accounting in third (see Note...)

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Anthony F. Armistead, Managing Director

let Research Center 001 Suth 135 Aharado Texas 600) 9 5 (81.) 93.5111 Joseph E Figlesi in Tresident

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Engineering and Construction Services Group

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Insurance Services Group

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Health Economics Corporation 1 on Wit Mockingbrid Line Dalla 1 Nas North + 10 (1 la) 10 4400 Stephen F (adv Prindent

Shareholder Information

Curp rate Office

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Shares Listed

New York Stock Exchain a Symbol HU
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